



ENVIRONMENTAL CONSULTANTS

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**Crawford Station MGP Site
Chicago, Illinois**

Weekly Field Progress Report

Report Date: March 8, 2012

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Submitted To: Integrys Business Support, LLC (IBS)
Naren M. Prasad, PE

Activity Period: February 26, 2012 through March 3, 2012

The following summarizes the environmental field activities performed by NRT on behalf of IBS at the former Crawford Station MGP site Time Critical Removal Action (AOC V-W-11-C-981):

Task	Environmental Activities
General Description of Work Performed:	<p>The following activities were conducted:</p> <ul style="list-style-type: none">• Areas O, P, Q, & R finished being excavated to ten feet below ground surface (bgs). Awaiting analytical results prior to backfilling activities.• Areas A, B, G and E are being excavated to five feet bgs to allow for installation of bracing wall for the sheetpile wall.• Peoples Gas reinstalled anode field to connect with sheetpile wall.• Excavated soils were loaded and transported to Waste Managements' Laraway Road RDF landfill for disposal.• NRT conducted daily air monitoring activities including DustTraks, SUMMAs, and PIDs. Additionally, no odor/dust issues were noted at the perimeter of the site.• Utilized GPS to locate pertinent items and features.
Sampling Activities Performed:	<p>NRT conducted the following sampling activities:</p> <ul style="list-style-type: none">• Three excavation wall samples (EW-016, EW-017 and EW-018) were collected on February 28, 2012 from Area R. Parameters analyzed for included TPH GRO, TPH DRO, PVOCs, site-specific PAHs, site-specific phenols, cyanide, and site-specific metals.• DustTraks collected data each day and data has been downloaded for analysis.• Three SUMMA canisters were deployed on February 28, 2012 and sent to STAT Laboratory for analysis for BTEX and Naphthalene.

Task	Environmental Activities
NRT Field Personnel:	Timothy B. Norris, PG, Ronald J. Horan, Kyle Bareither
Equipment Deployed:	SUMMA Canisters DustTraks PIDs
Field Photos:	See attached sheets.

USEPA RPM Ross del Rosario and Dave Klatt from CH2M Hill visited the site on February 29, 2012. Mr. del Rosario and Mr. Klatt were given an overview of the excavation process and a tour of the site.

Metropolitan Water Reclamation District permit has been approved and is expected to be delivered next week. Following issuance of the MWRD permit, the City of Chicago permit will be picked up.

Work planned for the coming week, March 4, 2012 through March 10, 2012, is as follows:

- Continue excavating Areas A, B, G, and E and conduct appropriate excavation wall and floor soil sampling. Soil samples will be analyzed for TPH DRO, TPH GRO, site-specific PAHs, PVOCs, site-specific metals, site-specific phenols, and cyanide.
- Begin to install the sheet pile stabilization wall parallel to sheetpile wall.
- Conduct Full Scale Air monitoring consisting of one 12-hour SUMMA can sampling event per week. The days of the 12-hour sampling will be determined to coincide with excavation activities.
- Receive and review post-excavation confirmation and air sampling from Pace Laboratory and STAT laboratory.

A weekly field progress report will continued to be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results and findings of the Removal Action will be provided following completion of all field activities.

A summary of the construction activities as detailed by the Construction Manager have been included with this report as Attachment 1.

Please feel free to contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Timothy B. Norris, PG
Geologist

Attachment 1: Burns and McDonnell Construction Management Report

Field Photos:



Photo 1: View of excavation of Area A/B.

Direction: Facing north

Photo Date: 2/27/2012

Photo Taken By: RJH



Photo 2: Area O/P/R/Q Excavation.

Direction: Facing northwest

Photo Date: 2/28/2012

Photo Taken By: RJH



Photo 3: Truck loading in Area A/B.

Direction: Facing northwest

Photo Date: 2/29/2012

Photo Taken By: RJH

Field Photos (continued):



Photo 4: Excavation of Area O north wall.

Direction: Facing northwest

Photo Date: 3/1/2012

Photo Taken By: RJH



Photo 5: A general view of the site.

Direction: Facing west

Photo Date: 3/1/2012

Photo Taken By: RJH



Photo 6: A general view of the site.

Direction: Facing east

Photo Date: 2/27/2012

Photo Taken By: RJH



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Week of: 2/26/12 to 3/03/12

**Subject: Site Remediation – Construction Management
Peoples Gas – Former Crawford Station**

Burns & McDonnell Personnel Onsite

Site Construction Manager

- Bal Berena

Site Remediation Supervisor

- Bernard Gill

Construction Manager

- Dave D'Armond

Project Manager

- Mike Swieca

Others

- Larry Milner
- Jeff Pope

Integrus Peoples Gas Personnel Onsite

- None

Subcontractors Onsite

- Tecnica Environmental Services
- Thatcher Foundations
- Helm Electrical Services

Others

- Natural Resource Technology (NRT)
- Waste Management (Dave Weber, Holly Nie, Steve Jiskra)
- USEPA (Ross del Rosario)
- CH2M Hill (Dave Klatt)

Miscellaneous Visitors

- Dan McCarthy (CTI)

Site Activities

BURNS & MCDONNELL

- Managed site activities with Tecnica Environmental, Thatcher, and other subcontractors on site;
- Escorted USEPA personnel on inspection visits;
- Issued trucking tracking forms for all excavated soils from Areas R, A, B, E, G, I;
- Tracked 440 loads for Biopile soils and 95 loads for Direct Disposal at Laraway Landfill;
- Maintained supply of wood chips for odor control and moisture containment;
- Ordered 12 loads of CA-6 for haul road maintenance and soft soils stabilization in work areas;
- Managed the removal of 26 loads of asphalt to Laraway Landfill;
- Participated in daily subcontractor pre-task analysis safety meetings on site;
- Conducted periodic health and safety air monitoring in excavation area;
- Held the weekly site construction meeting with Supervisors of Subcontractors, Waste Management; and
- Monitored site conditions for traffic, dust, and overall safety.

TECNICA ENVIRONMENTAL SERVICES

- Continued excavating soils from Areas R and B;
- Began loading out soils from Areas A, E, G, and I along the north end of the west property line sheeting wall;
- Assisted Thatcher in pre-digging and stabilizing soft clays at 10-12 feet below grade so that work could begin on the sheeting anchor wall and bracing;
- Controlled odors through foaming and wood chips use;
- Actively suppressed dust on site through watering and haul road maintenance;
- Operated and maintained truck scale;
- Assisted NRT in sampling open excavation areas; and
- Continuously monitored site fencing, silt fence, and erosion control materials.

THATCHER FOUNDATIONS

- On-site to pre-drill the anchor sheeting wall in north half of site; and
- On standby part of a day due to unstable clay conditions at 10 feet below grade while Tecnica stabilized the area.

HELM ELECTRICAL SERVICES

- Installed conduit and wire for power to a new Tecnica storage trailer; and
- Performed routine weekly maintenance on power generators and fuel tanks.

Changes to Scope of Work

- Soft clays at 10-12 feet below grade caused Thatcher ABI machine to sink up to undercarriage. Area will have to be excavated another 2 feet and backfilled with large stone in an area 370 feet by 20 feet to enable the ABI to pre-drill for anchor sheeting wall; and
- Hand digging will be required to expose 200 feet of shallow wires for the High Pressure gas lines Anode Field (for pipe corrosion control) prior to excavating and installing anchor wall in Areas L, M, and N.

Open/Outstanding Items

- MWRD discharge permit still needed in order to treat and dispose of water in all frac tanks – cannot pump out excavations for backfill.

Anticipated Activities for the Week of March 4, 2012

- Continue to excavate and load soils for disposal from Areas A through I;
- Tecnica will finish stabilizing work area for Thatcher at 10-12 feet below grade;
- Thatcher will begin to install reaction wall and bracing on north half of sheeting;
- Hand-dig out the top wire of the 200-ft long Anode Field in the southwest corner of the excavation Areas L, M, and N;
- Begin treating water and discharging as soon as MWRD permit obtained;
- Pump out water from excavation Areas O, P, Q, and R to prepare for backfill; and
- Prepare Areas O and P for backfill.



Crawford Station Site:

Remediation

Date: February 24, 2012

Description: Looking southwest at excavation along west property. This depth is 10 feet below grade for the installation of bracing which will allow for the required deeper excavation.



Crawford Station Site:

Remediation

Date: February 27, 2012

Description: View to the north along the west property line sheeting wall, being excavated to bracing depth of 10 feet bgs.



Crawford Station Site:

Remediation

Date: February 29, 2012

Description: A narrow trench is seen in the floor of the 10 foot dig, which is the pre-dig location for the bracing anchor wall. View is to the north.



Crawford Station Site:

Remediation

Date: February 29, 2012

Description: Looking to the northeast, two excavator are removing 10-feet of soils for disposal in Areas E and G.



Crawford Station Site:

Remediation

Date: February 28, 2012

Description: 10-floor interim floor prior to bracing in Areas A, B, C, E, and G has been excavated. View is to the southwest.



Crawford Station Site:

Remediation

Date: February 24, 2012

Description: Looking to the southwest across Areas O, P, Q, and R, at the disposal material stockpiles from the excavations taking place along the west property line sheeting wall.